

WHAT IS CLAIMED IS:

1. A method of forming a resin film from a resin for a middle portion to form a resin film main body of the resin film and a resin for edge portions to form both side edge portions in a crosswise direction of the resin film, the method comprising the steps of:
joining the resin for the middle portion in a molten state and the resin for the edge portions in a molten state in such a manner as to enclose both side edges in the crosswise direction of the resin film main body with the resin for the edge portions; and
extruding the joined resins through an extruding die to form the resin film.
2. The method as defined in claim 1, wherein a degree of enclosing the resin for the middle portion with the resin for the edge portions is adjusted according to a difference in MFR between the resins.
3. The method as defined in claim 1, wherein a degree of enclosing the resin for the middle portion with the resin for the edge portions is adjusted according to a difference in extrusion rate between the resins.
4. The method as defined in claim 1, wherein a degree of enclosing the resin for the middle portion with the resin for the edge portions is adjusted according to a difference in resin temperature between the resins.
5. The method as defined in claim 1, wherein a degree of enclosing the resin for the middle portion with the resin for the edge portions is adjusted according to a width of the resin film.
6. An apparatus for forming a resin film from a resin for a middle portion to form a resin film main body of the resin film and a resin for edge portions to form both side edge portions in a crosswise direction of the resin film, the apparatus comprising:
a feed block which includes a joining part where the resin for the middle portion in a molten state and the resin for the edge portions in a molten state are joined in such a manner as to enclose both side edges in the crosswise direction of the resin film main body with the resin

for the edge portions; and

an extruding die through which the joined resins are extruded to form the resin film.

7. The apparatus as defined in claim 6, wherein:

a trunk flow path through which the resin for the middle portion flows and a pair of branch flow paths through which the resin for the edge portions flows are joined at the joining part in the feed block; and

a cross-sectional shape of the joining part is formed to allow the side edges of the resin film main body to be enclosed with the resin for the edge portions.

8. The apparatus as defined in claim 6, wherein:

the feed block is adapted to be detachably provided with any one of a plurality of joining part blocks having respective joining parts different in degree of enclosing the side edges of the resin film main body with the resin for the edge portions; and

one of the plurality of joining part blocks which specifies a joining configuration depending on condition under which the resin film is formed is attached to the feed block exchangeably for another of the plurality of joining part blocks.

9. The apparatus as defined in claim 8, wherein the condition under which the resin film is formed includes at least one of a difference in MFR, an extrusion rate and resin temperature between the resin for the middle portion and the resin for the edge portions and a width of the resin film.